

**PART B - FEE(S) TRANSMITTAL**

Complete and send this form, together with applicable fee(s), to: Mail

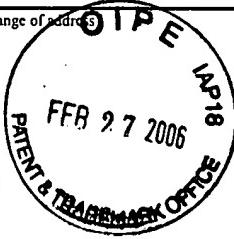
**Mail Stop ISSUE FEE**  
**Commissioner for Patents**  
**P.O. Box 1450**  
**Alexandria, Virginia 22313-1450**  
**(571) 273-2885**

or Fax

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

27194      7590      12/14/2005



HOWREY LLP  
C/O IP DOCKETING DEPARTMENT  
2941 FAIRVIEW PARK DRIVE, SUITE 200  
FALLS CHURCH, VA 22042-2924  
02/28/2006 JBALINA2 00000004 083038 10071268

01 FC:2501      700.00 DA  
02 FC:1504      300.00 DA  
03 FC:8001      30.00 DA

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**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Joan M. Gordon	(Depositor's name)
	(Signature)
February 23, 2006	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/071,268	02/07/2002	Mathieu Desbrun	01339.0009.NPUS01	9019

TITLE OF INVENTION: METHODS FOR COMPUTING BARYCENTRIC COORDINATES GENERALIZED TO IRREGULAR N-GONS AND APPLICATIONS OF THE SAME

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	03/14/2006
EXAMINER	ART UNIT	CLASS-SUBCLASS			
NGUYEN, PHU K	2673	345-419000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

2. For printing on the patent front page, list

- Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev.03-02 or more recent) attached. Use of a Customer Number is required.

1. HOWREY LLP

2. \_\_\_\_\_

3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

**California Institute of Technology**

**Pasadena, CA**

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

4b. Payment of Fee(s):

- Issue Fee
- Publication Fee (No small entity discount permitted)
- Advance Order - # of Copies 10

A check in the amount of the fee(s) is enclosed.

Payment by credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 08-3038 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date February 23, 2006

Typed or printed name Sean D. Burdick

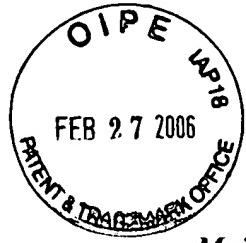
Registration No. 51,513

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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February 23, 2006

**Mail Stop Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: U.S. Patent Application Serial No. 10/071,268  
Entitled: **METHODS FOR COMPUTING BARYCENTRIC  
COORDINATES GENERALIZED TO IRREGULAR  
N-CONS AND APPLICATIONS OF THE SAME**  
Date Filed: February 7, 2002  
Inventors: Mathieu Desbrun *et al.*  
Caltech Ref. No.: CIT-3398  
Howrey Docket No.: 01339.0009.NPUS01

Sir:

In response to the **Notice of Allowance and Issue Fee Due** dated **March 14, 2006**, the following documents are attached for appropriate action by the U.S. Patent and Trademark Office:

1. Issue Fee Transmittal (Form PTOL-85) **in duplicate**; and
2. Return Postcard/Receipt.

It is respectfully requested that the attached receipt be stamped with the date of filing of these documents, so that it may be returned to our office.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee or fee deficiency, or credit any overpayment, to our Deposit Account No. **08-3038** referencing docket number **01339.0009.NPUS01**. A **duplicate copy** of this letter is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Sean D. Burdick, Reg. No. 51,513

SDB:jmg  
Enclosures